METHODS, SYSTEMS AND PROGRAM PRODUCTS FOR DELIVERY OF WEB SERVICES USING CATEGORICAL CONTRACTS

ABSTRACT OF THE DISCLOSURE

5   Web services may be provided by creating an electronic record of a contract for a service provider to provide web services meeting a web service category definition at a web services hub of a service domain, and providing a web service to a service requestor from the service domain responsive to the electronic record of the contract.   A plurality of ports operative to provide web services meeting the service

10   category definition may be identified at the web service hub, and the web service may be provided to the service requestor responsive to identification of the ports. For example, a plurality of ports may be identified by polling at least one web services node subordinate to the web services hub to identify at least one service provided by the node, and updating a description of a service category, e.g., a WSDL document,

15   responsive to the polling. A plurality of levels of web services nodes may be polled using a coordinated polling interval scheme to create an updated service view for the service hub.